

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57649 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 20 2012

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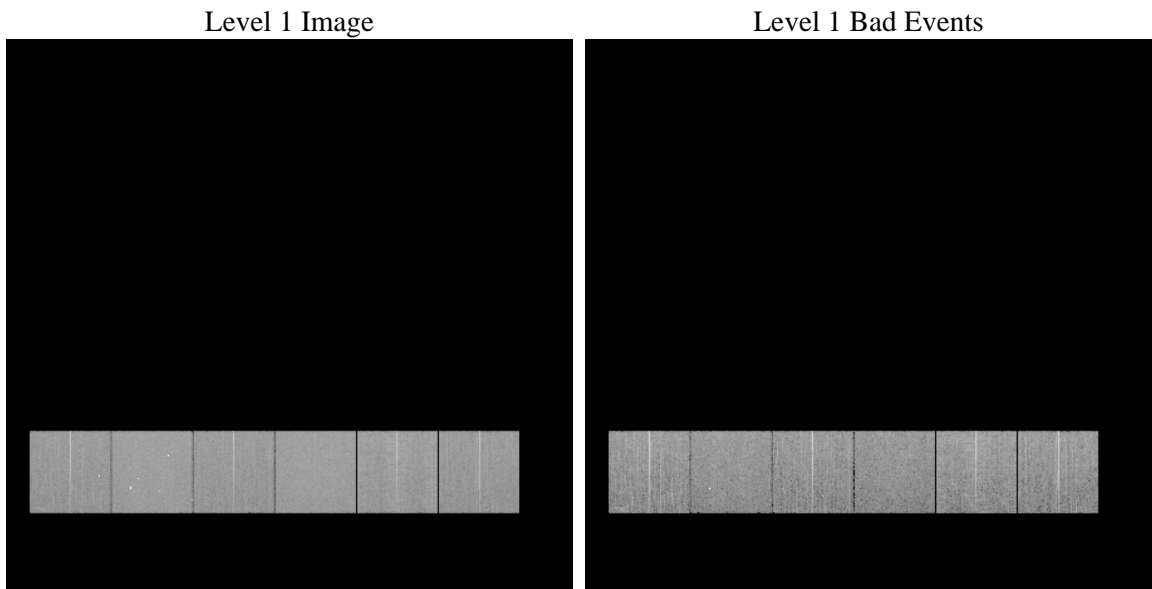
1 Front

seq_num	 	Sequence number
obs_id	57649	Observation id
title	ACIS-456789 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	343.96601275296	Nominal RA [deg]
dec_nom	7.0049002006113	Nominal Dec [deg]
roll_nom	140.54915197883	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.9999710321	Sum of GTIs [s]
livetime	7693.3329756198	Livetime [s]
ontime4	7791.9999710321	Sum of GTIs [s]
ontime5	7791.9999710321	Sum of GTIs [s]
ontime6	7791.9999710321	Sum of GTIs [s]
ontime7	7791.9999710321	Sum of GTIs [s]
ontime8	7791.9999710321	Sum of GTIs [s]
ontime9	7791.9999710321	Sum of GTIs [s]
l2events	562550	Number of level 2 events

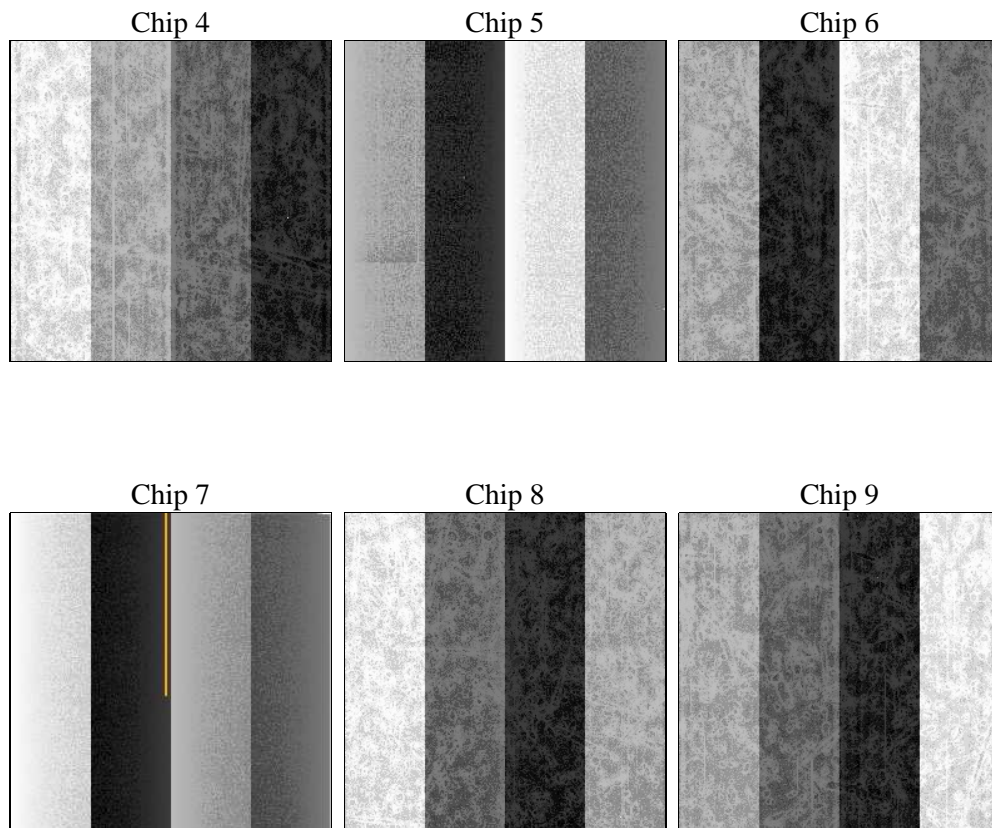
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7791.9999710321	Sum of GTIs [s]
caldsver	4.4.9	 	ontime4	7791.9999710321	Sum of GTIs [s]
date	2012-05-20T09:59:53	Date and time of file creation	ontime5	7791.9999710321	Sum of GTIs [s]
revision	2	Processing version of data	ontime6	7791.9999710321	Sum of GTIs [s]
			ontime7	7791.9999710321	Sum of GTIs [s]
			ontime8	7791.9999710321	Sum of GTIs [s]
			ontime9	7791.9999710321	Sum of GTIs [s]
			l1events	1035486	Number of level 1 events

2.1.4 Events

	ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9		ccd 4	ccd 5	ccd 6	ccd 7	ccd 8	ccd 9
level 1 events	161804	188626	161027	183622	180715	159692	grade 0 events	49584	20290	48548	24215	52229	46910
rejected events	75549	67715	69442	62059	77491	72342		30%	10%	30%	13%	28%	29%
rejected %	46%	35%	43%	33%	42%	45%	grade 1 events	492	237	305	141	322	371
								0%	0%	0%	0%	0%	0%
							grade 2 events	13751	43036	16324	26496	19030	15208
								8%	22%	10%	14%	10%	9%
							grade 3 events	5939	5880	5858	11590	7442	5885
								3%	3%	3%	6%	4%	3%
							grade 4 events	5817	5761	5893	11485	7275	5841
								3%	3%	3%	6%	4%	3%
							grade 5 events	3987	9275	4101	10366	5416	4553
								2%	4%	2%	5%	2%	2%
							grade 6 events	11164	45999	14962	47831	17248	13543
								6%	24%	9%	26%	9%	8%
							grade 7 events	71070	58148	65036	51498	71753	67381
								43%	30%	40%	28%	39%	42%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-456789	ACIS-456789
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	343.9660127529593
[deg] Pointing Dec	0	7.004900200611278
[deg] Pointing Roll	0.0	140.5491519788326
[mm] SIM focus pos	-1.429586	-0.6828225247311905
[mm] SIM defocus	0.1037507710433287	0.8505141146731063
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	335377936.042217	335377935.01721
Observation start date	2008-08-17T16:32:16	2008-08-17T16:32:15
[s] Observation end time (MET)	335388434.092733	335388433.06773
Observation end date	2008-08-17T19:27:14	2008-08-17T19:27:13
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919999710321

A.2 Comments